



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.            | CONFIRMATION NO. |
|---|-------------|----------------------|--------------------------------|------------------|
| 10/699,409  | 10/31/2003  | Babu Mani            | 139068USNP                     | 2103             |
| 24587   | 7590        | 10/23/2007           |                                |                  |
| ALCATEL LUCENT<br>INTELLECTUAL PROPERTY & STANDARDS<br>3400 W. PLANO PARKWAY, MS LEGL2<br>PLANO, TX 75075 |             |                      | EXAMINER<br>HEFFINGTON, JOHN M |                  |
|   |             |                      | ART UNIT                       | PAPER NUMBER     |
|   |             |                      | 2179                           |                  |
|   |             |                      | MAIL DATE                      | DELIVERY MODE    |
|   |             |                      | 10/23/2007                     | PAPER            |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

D

|                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                              | 10/699,409             | MANI ET AL.         |  |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                              | John M. Heffington     | 2179                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 August 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

This action is in response to the amendment filing of August 7, 2007. Claims 1-16 are pending and have been considered below.

#### ***Response to Arguments***

1. Applicant's arguments filed 7 August 2007 have been fully considered but they are not persuasive.
2. In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992).
3. In this case, with respect to claims 1, 4-9 and 12-16, applicant argues that there is no motivation to combine Sweeney et al. (US 2002/0083168 A1) and Lok et al. (US 2004/0049530 A1). The examiner respectfully disagrees with applicant's assessment of the prior art. Sweeney discloses a monitoring system in which events occurring on at least one computer system on a computer network can be monitored from a number of sources on said network. Further, Sweeney discloses monitoring user interaction with at least one computer and an Event Management Program (EMP) that monitors activities of client PCs in real time. It is common in the art that user interaction with a

computer is accomplished through a graphical user interface (GUI). Therefore, it would be obvious to one having ordinary skill in the art at the time of the invention that the events cited in Sweeney would include GUI events, and, hence, one could have been motivated to monitor GUI events with the system disclosed in Sweeney. Lok discloses a system and method in which graphical commands are sent between a graphical server and a graphical client. The graphical server sends graphical commands to the client and the graphical client sends responses to interaction with graphical components to the server. In other words, Lok provides a type of graphical event monitoring which one could be motivated to implement in Sweeney. In conclusion, the examiner maintains that there is ample motivated cited in Sweeney to combine Lok with Sweeney.

4. With respect to claims 2 and 10, applicant argues that there is no motivation to combine a packet phone as described in Dettmer (Packet Phone) with Sweeney et al. (US 2002/0083168 A1) and Lok et al. (US 2004/0049530 A1). However, Sweeney discloses retrieving data from a telephone network, monitoring phone calls and generating data packets. Therefore, it would have been obvious to combine packet phone capabilities with the computers being monitored in Sweeney. Combining packet phone capabilities with Sweeney would allow the phone call monitoring disclosed in Sweeney to be more fully and efficiently executed.

5. With respect to claims 3 and 11, applicant argues that there is no motivation to combine Sweeney et al. (US 2002/0083168 A1), Lok et al. (US 2004/0049530 A1) and Dettmer (Packet Phone) with Harris (US 2004/0013243 A1) and that impermissible

hindsight may have been used to combine the references. However, Sweeney discloses retrieving data from a telephone network, monitoring phone calls, saving user generated events, and sending a message to an appropriate person, the message including an audio signal. In Sweeney, it is obvious that an objective is to access a telephone system and monitor phone calls. Further, Sweeney monitors and saves user events. Therefore, it would have been obvious for Sweeney, combined with a capability of a packet phone, to record the audio signal of a phone call as a user event. The motivation exists in Sweeney to implement the capability to record audio signals as user events.

6. In response to applicant's argument that the examiner's conclusion of obviousness is based upon improper hindsight reasoning, it must be recognized that any judgment on obviousness is in a sense necessarily a reconstruction based upon hindsight reasoning. But so long as it takes into account only knowledge which was within the level of ordinary skill at the time the claimed invention was made, and does not include knowledge gleaned only from the applicant's disclosure, such a reconstruction is proper. See *In re McLaughlin*, 443 F.2d 1392, 170 USPQ 209 (CCPA 1971).

### ***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

9. Claims 1 and 4-9 and 12-16 rejected under 35 U.S.C. 103(a) as being unpatentable over Sweeney et al. (US 2002/0083168 A1) in view of Lok et al. (US 2004/0049530 A1).

Claim 1: Sweeney discloses a communications system, comprising:

- a. a data network (paragraph 0017);
- b. a monitored terminal coupled to the network for communicating by sending and receiving data over the network (paragraph 0017);
- c. a monitoring terminal for monitoring user activity on the monitored terminal (paragraph 0083);

but does not disclose a graphical proxy server in communication with the monitored terminal and with the monitoring terminal for: sending graphical commands to implement a graphical interface on the monitored terminal; sending graphical commands to the monitoring terminal indicative of actions taken on the monitored terminal. However, Lok discloses a graphical proxy server in communication with the monitored terminal and with the monitoring terminal for: sending graphical commands to implement a graphical interface on the monitored terminal; sending graphical commands to the monitoring terminal indicative of actions taken on the monitored terminal (paragraph 0021). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add a graphical proxy server in communication with the monitored terminal and with the monitoring terminal for: sending graphical commands to implement a graphical interface on the monitored terminal; sending graphical commands to the monitoring terminal indicative of actions taken on the monitored terminal to Sweeney. One would have been motivated to add a graphical proxy server in communication with the monitored terminal and with the monitoring terminal for: sending graphical commands to implement a graphical interface on the monitored terminal; sending graphical commands to the monitoring terminal indicative of actions taken on the monitored terminal to Sweeney to be able to monitor graphical events among the events that Sweeney monitors.

Claims 4 and 12: Sweeney and Lok disclose the communications system of claims 1 and 9, but do not disclose user actions on the monitored terminal are displayed on the

monitoring terminal in real-time. However, it is obvious that if graphical messages or commands are sent from a server to one remote client (Lok, paragraphs 0020 and 0021) that the same graphical messages or commands could be sent to a second remote client simultaneously. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add that user actions on the monitored terminal are displayed on the monitoring terminal in real-time to Sweeney and Lok. One would have been motivated to add that user actions on the monitored terminal are displayed on the monitoring terminal in real-time to Sweeney and Lok in order to perform graphical user interface development or de-bugging.

Claims 5 and 13: Sweeney and Lok disclose the communications system of claim 1 and 9, but do not disclose the graphical commands indicative of action taken on the monitored terminal are stored in a file. However, Sweeney discloses recording said set of event data in a database (paragraph 0009). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add recording the graphical commands in Lok in a file or database to Sweeney. One would have been motivated to add recording the graphical commands in Lok in a file or database to Sweeney in order to capture the graphical commands as the event data recorded in Sweeney.



Claims 6 and 14: Sweeney and Lok disclose the communications system of claims 5 and 13 and Sweeney further discloses the graphical commands indicative of action taken on the monitored terminal are time stamped (paragraph 0165).

Claims 7 and 15: Sweeney and Lok disclose the communications system of claims 1 and 9 and Sweeney further discloses presence information is sent from the monitored terminal to the graphical proxy server.

Claims 8 and 16: Sweeney and Lok disclose the communications system of claims 7 and 15 and Sweeney further discloses the monitoring terminal receives presence information from the graphical proxy server.

Claim 9: Sweeney discloses terminals sending and receiving data over a network but does not disclose a method of communicating over a data network, comprising the steps of: sending graphical commands from a graphical proxy server coupled to the data network to implement a graphical interface on a monitored terminal coupled to the data network; sending graphical commands to a monitoring terminal coupled to the data network, where the graphical commands are indicative of actions taken on the monitored terminal. Lok discloses a method of communicating over a data network, comprising the steps of: sending graphical commands from a graphical proxy server coupled to the data network to implement a graphical interface on a monitored terminal coupled to the data network; sending graphical commands to a monitoring terminal

coupled to the data network, where the graphical commands are indicative of actions taken on the monitored terminal (paragraph 0043). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add a method of communicating over a data network, comprising the steps of: sending graphical commands from a graphical proxy server coupled to the data network to implement a graphical interface on a monitored terminal coupled to the data network; sending graphical commands to a monitoring terminal coupled to the data network, where the graphical commands are indicative of actions taken on the monitored terminal to Sweeney. One would have been motivated to add a method of communicating over a data network, comprising the steps of: sending graphical commands from a graphical proxy server coupled to the data network to implement a graphical interface on a monitored terminal coupled to the data network; sending graphical commands to a monitoring terminal coupled to the data network, where the graphical commands are indicative of actions taken on the monitored terminal to Sweeney in the event that the event data recorded by Sweeney is graphical data.

10. Claims 2 and 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sweeney in view of Lok (US 2004/0049530 A1) further in view of Dettmer (Packet Phone).

Claim 2 and 10: Sweeney and Lok disclose the communications system of claims 1 and 9 but do not disclose wherein the monitored terminal communicates voice signals

over the data network using packetized data. Dettmer discloses a monitored terminal that communicates voice signals over the data network using packetized data.

Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add a monitored terminal that communicates voice signals over the data network using packetized data to Sweeney and Lok. One would have been motivated to add a monitored terminal that communicates voice signals over the data network using packetized data in order to record the phone calls that Sweeney monitors.

11. Claims 3 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sweeney (US 2002/0083168 A1) in view of Lok (US 2004/0049530 A1) and Dettmer (Packet Phone) further in view of Harris (US 20040013243 A1).

Claims 3 and 11: Sweeney, Lok and Dettmer disclose the communications system of claim 2 but do not disclose the voice signals are also stored in an audio file. Harris discloses voice signals that are also stored in an audio file. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add storing audio signals in an audio file to Sweeney, Lok and Dettmer. One would have been motivated to add storing audio signals in an audio file to Sweeney, Lok and Dettmer because Sweeney, Lok and Dettmer disclose monitoring terminal events, including voice events, therefore, recording these voice events is a natural extension of monitoring these events.

***Conclusion***

12. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. Heffington whose telephone number is (571) 270-1696. The examiner can normally be reached on Mon - Fri (Alternate Fridays off) 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2179

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMH  
10/17/2007

  
BA HUYNH  
PRIMARY EXAMINER